

Mole Concept –Hello Old Friend

Use the formula for ferrous phosphate to determine the following:

Mass of a Mole

Formula Weight

% composition of O

Mass of one formula unit

of atoms in one ferrous phosphate formula unit

of formula units in one mole

of atoms in a mole of it

of O atoms in a formula unit

of Fe atoms in a formula unit

of P atoms in a formula unit

of O atoms in a mole

of Fe atoms in a mole

of P atoms in a mole

Convert 4.01×10^{16} formula units of it to grams

How many moles of O are in 32 g of it?

How many atoms of P are in 67 g of it?

How many electrons that contributed from iron (II) are there in 55g of it?